
Subject: help with data points of contour.

Posted by [Peter Brooker](#) on Tue, 24 Aug 1999 07:00:00 GMT

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Consider the following simple program.

```
nn=101
x=findgen(nn)-(nn-1.)/2.
y=x
z=fltarr(nn,nn)
for i=0,(nn-1) do begin
  for j=0,(nn-1) do begin
    z(i,j)=sqrt(x(i)^2+y(j)^2)
  endfor
endfor
contour,z,x,y,levels=[10,20,30,40]
end
```

I now want to determine the x,y data points that form the z=20 contour.
How do I do this. The manual is rather cryptic on this.

thanks-Peter Brooker
